

12. The slide and lock stent of claim 9, wherein the second portion is a recessed nesting area.

13. The slide and lock stent of claim 11, wherein the open slot of the first portion is formed by the second portion longitudinally adjacent to the first portion on one side and the third portion longitudinally adjacent on the other side. 5

14. The slide and lock stent of claim 9, wherein the first and second backbones each comprise a plurality of first, second, and third portions.

15. The slide and lock stent of claim 9, wherein the stent further comprises a third backbone, the third backbone extending along the longitudinal axis. 10

16. The slide and lock stent of claim 15, wherein the third backbone has a first, second, and third portion, wherein the rail member is slidably interfaced with the second portion of the third backbone. 15

17. The slide and lock stent of claim 16, wherein the rail member is at least partially bent to slidably interface with the second portion of the third backbone.

18. The slide and lock stent of claim 9, wherein the first, second, and third portions form a generally stair-shape structure along the longitudinal axis of the backbones. 20

19. The slide and lock stent of claim 9, wherein the rail member has a generally u-shape, and ends of the u-shape are attached to first portions of the first backbone. 25

20. The slide and lock stent of claim 9, wherein the stent has an average radial thickness of 325 microns or less.

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